

To Spec. 04-318
Rebid of Custom Built-1250 Gallon Per Minute
Fire Pumpers for Lincoln Fire Department

Bid opening date/time/place remains the same as noted in the Notice to Bidders.

the instruction to bidders are met. Section 15.4 of the Instructions to Bidders also apply.

6. Page 18, 15. Waterous Primer
Request for Clarification/Substitution: Waterous is a brand name. Is a Priming system that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used and followed by "No Exceptions", this requirement is more specific and supersedes section 10 of the Instructions to Bidders.**
7. Page 18, 16. Primer Oil Tank
Request for Clarification/Substitution: Waterous is a brand name. Is a primer oil tank that meets and /or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used and followed by "No Exceptions", this requirement is more specific and supersedes section 10 of the Instructions to Bidders.**
8. Page 19, 17. Waterous discharge relief valve.
Request for Clarification/Substitution: Waterous is a brand name. Is a discharge relief valve that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used and followed by "No Exceptions", this requirement is more specific and supersedes section 10 of the Instructions to Bidders.**
9. Page 14, 21.1 The body shall be free of rust, corrosion, bubbling, chipping or peeling as a result of a defect in the method of manufacturer for a period of seven (7) years after the date the vehicle is accepted by the City.
Request for Clarification: Will paint warranties that exceed the bidder's requirement of seven (7) years be acceptable?
City's Response: **Yes**
10. Page 20, 23. Intake Relief Valve
Request for Clarification/substitution: Elkhart is a brand name. Is an Intake Relief Valve that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
11. Page 20, 29.1 There shall be two (2) 6" male steamer inlets, one (1) on each side of the apparatus Lincoln thread.
Request for Clarification: Provide details of the "Lincoln thread" for the two (2) 6" male steamer inlets.
City's Response: **Eliminate the Lincoln Thread requirement, this shall be NST.**
12. Page 21, 33.2 Two (2) 6" NST chrome plated Southpark LHC26P14AC long handle steamer cap(s) shall be provided.
Request for approved equal/substitution: Southpark is a brand name. Is a long handle steamer cam that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of**

the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

13. Page 34 (see page 21), 34.1 Each valve shall be designed in such a manner that the action of water against the regulating element shall not affect its position.

Request for approved equal/substitution Akron is a brand name. Are suction valves that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

14. Page 35 (see Page 21) 35.1 Each gated intake shall be equipped with a Class 1 3/4" quarter turn bleeder valve.

Request for approved equal/substitution Class 1 is a brand name. Are quarter turn bleeder valves that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

15. Page 22, 39.1.1 The intake shall be furnished with a 2-1/2" Akron valve and 2-1/2" plumbing

Request for approved equal/substitution Akron is a brand name. Are valves that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

16. Page 22, 40.1 There shall be one (1) Hannay steel fabricated electric booster reel, with a capacity of 200' of booster hose

Request for approved equal/substitution Hannay is a brand name. Are booster reels that meet and/or exceed the specification requirements acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

17. Page 23, 45.2 There shall be fiberglass Dura-Dek flooring installed under the crosslay hose beds for ventilation and drainage.

Request for approved equal/substitution Dura-Dek is a brand name. Is a flooring system that meets and/or exceeds the specification requirement acceptable.

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

18. Page 23, 47 All discharge valves, unless otherwise noted in the specifications, shall be Akron 8800 series, quarter-turn, full flow, swing-out type. The flow regulating element of each valve shall not change its position under any condition of operation involving discharge pressures to the maximum pressure of the pump.
Request for approved equal/substitution Akron is a brand name. Are discharge valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
19. Page 23, 49 Each discharge 2-1/2" or larger, with the exception of the crosslays and hard to access plumbing, shall be equipped with a 3/4" quarter turn Class 1 drain between the valve and the discharge.
Request for approved equal/substitution. Class 1 is a brand name. Are drain valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
20. Page 24, 50 Crosslay and hard to access discharges shall be equipped with Class1, model 34AD automatic drains.
Request for approved equal/substitution. Class 1 is a brand name. Are automatic drains that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
21. Page 24, 55 (55.1.2) The discharge shall be plumbed with a 2" Akron valve and 2" plumbing.
Request for approved equal/substitution. Akron is a brand name. Are valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
22. Page 25, 56 (56.1.1) The discharge shall be plumbed with a 2-1/2" Akron valve and 2-1/2" plumbing.
Request for approved equal/substitution. Akron is a brand name. Are valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

23. Page 25, 60.1.1 The discharge shall be plumbed with a 2-1/2" Akron valve and 2-1/2" plumbing
Request for approved equal/substitution. Akron is a brand name. Are valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
24. Page 25 61.1.1 The discharge shall be plumbed with a 2-1/2" Akron valve and 2-1/2" plumbing
Request for approved equal/substitution. Akron is a brand name. Are valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
25. Page 25, 63.1.1 The discharge shall be plumbed with a 3-1/2" Akron valve and 4" plumbing
Request for approved equal/substitution. Akron is a brand name. Are valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
26. Page 25, 64.1 The discharge shall be equipped with an Akron Slo Cloz to prevent changing the position of the valve from full open to full close, or vice-versa, in less than 3 seconds as required by NFPA
Request for approved equal/substitution. Akron is a brand name. Are valves that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
27. Page 26, 65.1 There shall be two (2) Akron Style 3096, built-in bypass type foam eductor rated at 95 gallons per minute, installed on the apparatus
Request for Clarification/Substitution Akron is a brand name. Are bypass type foam eductors that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
28. Page 26, 66.3, The selector valve shall enable both foam eductors to flow either Class A foam or Class B foam at the same time.
Request for Clarification No system will allow Class A foam and Class B foam to flow at the same time. The types of foam are not compatible.

City's Response: **66.3 Should read** The selector valve shall enable both foam eductors to flow either Class A foam or Class B foam.

29. Page 26, 68.2 The discharge valve shall be controlled by an Elkhart RC-10 slow closing remote linear output screw type actuator.

Request for Clarification Elkhart is a brand name. Are discharge valves that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

30. Page 26, 69 There shall be a Task Force Tips model XG Extend-A-Gun, part number XG18PL-PL installed on the deck gun plumbing

Request for approved equal/substitution. Task Force Tips is a brand name. Are systems that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

31. Page 27, 70 There shall be One (1) demountable Akron Apollo style 3423 deluge monitor provided

Request for approved equal/substitution Akron is a brand name. Are deluge monitors that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

32. Page 27, 71 An Akron Akromatic Master Stream Nozzle model 5060 shall be provided
Request for approved equal/substitution. Akron is a brand name. Are Master Steam Nozzles that meet and/or exceed the specification requirement acceptable?
meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

33. Page 27, 72.1.2 The UPF Poly-Tank ® IIE shall be constructed of ½" thick PT2E™ polypropylene sheet stock.

Request for approved equal/substitution. UPF is a brand name. Are water tanks that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

34. Page 28, 78.1 The UPF Poly-Tank IIE shall rest on the body cross members in conjunction with such additional cross members, as required by the tank manufacturer
Request for approved equal/substitution. UF is a brand name. Are water tanks that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
35. Page 29, 83 Tankvision Type "A" Foam Tank Gauge.
Request for approved equal/substitution. Tankvision is a brand name. Are foam tank gauges that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
36. Page 29, 84 Tankvision Type "B" Foam Tank Gauge.
Request for approved equal/substitution. Tankvision is a brand name. Are foam tank gauges that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
37. Page 30, 85 Tankvision Water Tank Gauge
Request for approved equal/substitution. Tankvision is a brand name. Are water tank gauges that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
38. Page 31, 90 (90.1) The pump operator's control panel and the side pump panels shall each be illuminated by a ROM strip lighting.
Request for approved equal/substitution. ROM is a brand name. Is lighting that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
39. Page 31, 91 Panel Surfaces
Request for approved equal/substitution. Are control panels, instrument panels and side panels that meet and/or exceed the specification requirement for abrasion resistance and glare without the use of thermoplastic material acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of**

the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

40. Page 31, 92 Class1 model 102089 pressure and vacuum test ports shall be provided on the pump panel

Request for approved equal/substitution. Class 1 is a brand name. Are vacuum and test ports that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

41. Page 31, 93 Class1 model 34BV pump cooling control valve shall be provided on the pump panel

Request for approved equal/substitution. Class 1 is a brand name. Are pump cooling control valves that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

42. Page 31, 94 Class1 model 34BV engine cooling control valve shall be provided on the pump panel

Request for approved equal/substitution. Class 1 is a brand name. Are engine cooling control valves that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

43. Page 31, 96, There shall be six (6) Class1 individual pressure gauges installed on the pump panel

Request for approved equal/substitution. Class 1 is a brand name. Are pressure gauges that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

44. Page 32, 97 The pump vacuum and pressure gauges shall be supplied by Class1.

Request for approved equal/substitution Class 1 is a brand name. Are vacuum and pressure gauges that meet and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

45. Page 32, 99 There shall be a **Class1 ENFO III** Engine Information Display installed on the pump operators panel.
Request for approved equal/substitution Class 1 is a brand name. Are Engine Information Display systems that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
46. Page 35, 113.1 Brackets shall be provided on the forward wall of the rear transverse compartment for two (2) backboard(s).
Request for clarification Provide further details as to how the brackets are to be installed. Provide the brand names of the backboards to be carried.
City's Response: **Laerdal Bax Strap- 72" L X 16" W X 2 & 1/2" D to be mounted on the forward wall of the rear transverse compartment.**
47. Page 35, 115.1) There shall be a treadbrite door above the left hand side pump panel to allow access to the pump compartment.
Request for clarification This conflicts with your specifications requirement 87.1.2, Please clarify
City's Response: **Remove this requirement (115.1), 87.1.2 is correct.**
48. Page 35, 116 There shall be a treadbrite door above the right hand side pump panel to allow access to the pump compartment.
Request for clarification This conflicts with your specifications requirement 89.1.2, Please clarify
City's Response: **Remove this requirement (116), 87.1.2 is correct.**
49. Page 36, 121.1 There shall be soft suction hose compartment recessed in the running board on the left side.
Request for approved equal/substitution. Dri-Deks a brand name. Are materials that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
50. Page 36, 122.1 There shall be soft suction hose compartment recessed in the running board on the right side
Request for approved equal/substitution. Dri-Deks a brand name. Are materials that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
51. Page 37, 124.3 The following areas shall have treadplate overlays installed
Request for clarification/ equal substitution This type of construction is not provided by every manufacturer. If the type of body construction does not use treadplate overlays no sealer is necessary. Is this acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may**

be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.

52. Page 37, 125 The fenders shall be fitted with bolt-in full circular smooth aluminum inner-liners in the wheel well area for ease of cleaning and maintenance.

Request for clarification/ equal substitution. ABS inner-liners are specified for the front wheel well area. Are ABS inner liners also acceptable for the rear wheel well area?

City's Response: Yes

53. Page 37, 126 Two (2) stainless steel fenderettes shall be installed at the outboard edge of the rear wheel well area, one on each side.

Request for clarification/ equal substitution. Are polished aluminum fenderettes acceptable

City's Response: Yes

54. Page 37, 127 Rubrails shall be installed to protect the body from damage should the body be brushed or rubbed against another object.

Request for clarification/ equal substitution. Are rubrails that meet and or exceed the specification requirements acceptable

City's Response: Yes

55. Page 38, 128.1 One (1) rear tow eyes shall be installed directly below the rear of the chassis frame rails.

Request for clarification/ equal substitution. Clarify the total number of tow eyes

City's Response: One in rear, two in front

56. Page 38, 130 The ground ladders shall be stored beneath the hose bed, to the right of the water tank.

Request for clarification/ equal substitution. Ground ladder storage below the hosebed will provide full use of the officer side compartments without sacrificing hosebed requirements, Is this acceptable

City's Response: Yes

57. Page 38, 132 All compartment floors that do not have permanently mounted equipment shall be protected with Dri-Dek flooring tiles

Request for clarification/ equal substitution. Dri-Dek is a brand name. Are flooring tiles that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.

58. Page 38, 133.1 There shall be two Strut channels installed in two (2) standard height compartment(s) for future shelves.

Request for clarification/ equal substitution. Provide additional detail of "Strut channels"

City's Response: The Strut channels shall match all other strut channels installed in the vehicle mounted for future use.

59. Page 38, 134.1 There shall be two Strut channels installed in four (4) full height compartment(s) for future shelves.

Request for clarification/ equal substitution. Provide additional detail of "Strut channels"

City's Response: The Strut channels shall match all other strut channels installed in the vehicle for future.

60. Page 38, 135.1.2 The shelves shall be coated with Line-X™, a thermoplastic polyurethane coating.

Request for clarification/ approved/ equal substitution. Line-X is a brand name. Is a coating that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

61. Page 38, 135.1.4 The floor of the shelves shall be covered with Dri-Dek flooring tiles to provide drainage and ventilation of equipment.

Request for clarification/ approved/ equal substitution. Dri-Dek is a brand name. Are flooring tiles that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

62. Page 38, 136.1.1 Each tray shall be provided with a Slidemaster™, roller type assembly.

Request for clarification/ approved /equal substitution Slidemaster is a brand name. Are roller type assemblies that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

63. Page 38, 137.1.1 Each tray shall be provided with a Slidemaster™, roller type assembly
Request for clarification/ approved / equal substitution. Are roller type assemblies that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

64. Page 40, 141 The floor of the hose bed compartment shall be constructed of Dura-Dek fiber reinforced plastic material.

Request for clarification/ approved /equal substitution. Dura-Dek is a brand name. Are flooring materials that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of

the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

65. Page 40, 146 The apparatus shall be equipped with a V-MUX Multiplex System.
Request for clarification/ approved / equal substitution. V-Mux is a brand name. Are multiplex systems that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
66. Page 43, 156 There shall be one (1) Weldon model 9185-60015Y turn signal lights installed in the rear wheel well area, on each side of the body.
Request for clarification/ approved /equal substitution. Weldon is a brand name. Are turn signal lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
67. Page 43, 158 Weldon model 9185-40003 lights shall be installed beneath the apparatus in areas where personnel may be expected to climb on and off of the apparatus
Request for approved/ equal substitution. Weldon is a brand name. Are lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
68. Page 44, 160 All high side compartments shall be furnished with a "ROM" compartment light mounted on the front corner of the compartment.
Request for approved/ equal substitution. 'ROM' is a brand name. Are compartment lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
69. Page 44, 162 There shall be two (2) Whelen 600 series LED tail light assemblies installed on the rear of the apparatus.
Request for approved/ equal substitution. Whelen is a brand name. Are lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

70. Page 44, 163 There shall be two (2) Federal model GHSCENE lights installed on the rear of the apparatus above the rear compartment.
Request for approved/ equal substitution: Federal is a brand name. Are scene lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
71. Page 45, 164 There shall be two (2) Unity AG-R deck lights mounted high at the rear of the apparatus
Request for approved/ equal substitution: Utility is a brand name. Are deck lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
72. Page 45, 166 There shall be two (2) Federal NightFighter 12 Volt telescoping spot/flood light(s) mounted
Request for approved/ equal substitution: Federal Nightfighter is a brand name. Are search lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
73. Page 45, 167 There shall be one (1) Federal Signal ViewPoint Split Vector model FV 2652 lightbar installed on the forward section of the chassis cab roof.
Request for approved/ equal substitution: Federal is a brand name. Are lights that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
74. Page 45, 168 There shall be two (2) Federal Signal model IVP200F rotating beacons installed high at the rear of the apparatus.
Request for approved/ equal substitution: Federal is a brand name. Are beacons that meet and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
75. Page 45, 169 There shall be three (3) Whelen Engineering model 60R00F*R LED lights with flanges installed in the lower warning zone.
Request for clarification/, approved/ equal substitution: Whelen is a brand name. Are lights that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

76. Page 46, 170 There shall be two (2) Whelen Engineering model 60R00F*R LED lights with flanges installed in the lower warning zone.

Request for approved/equal substitution: Whelen is a brand name. Are lights that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

77. Page 46, 171 There shall be three (3) Whelen Engineering model 60R00F*R LED lights with flanges installed in the lower warning zone.

Request for approved/ equal substitution: Whelen is a brand name. Are lights that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

78. Page 46, 172 There shall be one (1) 3M Opticom emitter on the front of the cab.

Request for approved/equal substitution: 3M Opticom is a brand name. Is an emitter that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

79. Page 46, 173 There shall be one (1) Federal EQ2B electronic siren mounted in the front bumper.

Request for approved/equal substitution: Federal is a brand name. Is an electronic siren that meets and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

80. Page 46, 174 There shall be one (1) Federal Signal SMLED8 Traffic Advisor installed on the apparatus.

Request for approved/ equal substitution: Federal is a brand name. Is a traffic advisor that meet and/or exceed the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

81. Page 47, 175 In the designated areas, Line-X™, a two component spray-in-place thermoplastic polyurethane system shall be used for maximum protection of the body and equipment.

Request for approved/equal substitution: Line X is a brand name. Is a system that meets and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

82. Page 47, 176 The interior of the body compartments shall be coated with a gray thermoplastic polyurethane coating.

Request for approved/ equal substitution: Is a system that meets and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

83. Page 47, 178.1 The paint process shall follow the strict standards as set forth by PPG Fleet Finish Guidelines.

Request for approved/ equal substitution: PPG is a brand name. Is a system that meets and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

84. Page 48, 179.1 The apparatus shall be painted with PPG polyurethane enamel paint.

Request for approved/equal substitution: PPG is a brand name. Is paint that meets and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

85. Page 48, 184 There shall be one (1) pair of Zico #AC-32 wheel chocks provided with the apparatus

Request for clarification: This conflicts with your specification requirement 307.

Pair wheel chocks, mounted Zico #SAC-44

Please clarify which wheel chocks are required.

City's Response: **The requirements in section 184 are to replace section 307.**

86. Page 48, 184 There shall be one (1) pair of Zico #AC-32 wheel chocks provided with the apparatus

Request for clarification, approved/ equal substitution: Zico is a brand name. Are wheel chocks that meets and/or exceed the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

87. Page 48, 185 There shall be one (1) Zico N - 6.75 bracket(s) with PHS strap(s) installed in the following compartment(s):
Request for approved/ equal substitution: Zico is a brand name. Is a bracket that meets and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
88. Page 49, 186 There shall be one (1) Federal model PA300MSC electronic siren installed in the cab.
Request for approved/equal substitution: Federal is a brand name. Is an electronic siren that meets and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
89. Page 50, 192.1.5 The exterior of the compartment shall be covered in Line-X™, a two component spray-in-place thermoplastic polyurethane system used for maximum protection of the body and equipment.
Request for approved/ equal substitution: Line-X is a brand name. Is a coating system that meets and/or exceed the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
90. Page 51, 194.3 These approved manufacturers must follow the detailed specifications as it relates to the chassis/frame.
Request for clarification: Clarify if you are referring to the chassis or the frame.
City's Response: **Both**
91. Page 51, 194.4.1 Said manufacturers will be required to change it's process to accommodate the City's requirements listed in the detailed specifications.
Request for clarification: Is it the intention of the City to eliminate Chassis Manufacturer's that are unable to change its process to accommodate the City's requirements?
City's Response: **Any Process that meets or exceeds the City's requirements will be acceptable.**
92. Page 51, 194.4 In some cases the detailed specifications are not the manufacturers standard chassis
Request for clarification: Are you referring to the City's detailed specification, or the Manufacturer's detailed specification.
City's Response: **The City's specifications may differ from the manufacturers standard.**
93. Page 51, 196.1.1 Warranty conditions may apply and shall be listed in the detailed warranty document that shall be provided with the bid.
Request for clarification: What warranty conditions are acceptable?

City's Response: Cab warranty should apply to conditions of corrosion and paint degradation.

94. Page 51, 197.3.1 Any frame cracking or breaking shall be replaced immediately at no cost to the city.

Request for clarification: Does this apply to all instances of frame cracking or breaking or those caused only by a manufacturing defect?

Does this apply to damage caused by a traffic accident or misuse?

Please clarify "immediately".

City's Response: All instances.
Does not apply to damage caused by City's negligence or traffic accidents.
Immediately shall mean as soon as requested.

95. Page 51, 197.3.2 If a frame is cracked or broken a loaner shall be provided to the Fire Department while said frame is being replaced.

Request for clarification: Please provide additional detail of "loaner".

Will the City provide the necessary liability coverage for a loaner?

What type of "Loaner" is the City asking for?

City's Response:
Loaner Shall be comparable to vehicle being repaired.
The city will provide liability coverage for any loaner vehicles.

96. Page 53, 204 Two chrome plated tow eyes shall be installed below the bumper.

Request for approved/equal substitution: Are stainless steel or painted tow eyes acceptable?

City's Response: Yes

97. Page 53, 209.1.1 It shall have a minimum capacity of 18,000 lbs. GAWR.

Request for clarification, approved/equal substitution: Specification requirement 14.1.2 calls for a minimum GVW of 40,000 pounds. Is a 16,000 lb front axle that meets the specification requirement 14.1.2 acceptable?

City's Response: An 18,000 lb front axle is required.

98. Page 53, 209.1 The front axle shall be an ArvinMeritor MFS-18 with a 3.74" drop and a 71.00" KPI.

Request for approved/equal substitution: ArvinMeritor is a brand name. Is a front axle that meets and/or exceeds the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

99. Page 54, 210.1 The hub piloted, MFS-18 model front axle cramp angle shall be a minimum of 50 degrees when using the 315/80R 22.5 front tires.

Request for approved/ equal substitution: MFS-18 refers to a brand name. Is a front axle that meets and/or exceeds the specification requirement acceptable?

City's Response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

100. Page 54, 214 Two (2) Bilstein monotubular design, nitrogen gas charged shock absorbers shall be part of the front axle suspension.
Request for approved/equal substitution: Bilstein is a brand name. Are shock absorbers that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
101. Page 54, 217 The rear axle shall be a Meritor model #RS-24-160 with single reduction gearing and shall have a minimum rated capacity of 24,000 lbs. GAWR.
Request for approved/equal substitution: Meritor is a brand name. Is a rear axle that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
102. Page 55, 220 A Meritor "WABCO" anti-lock braking system shall be installed on the front and rear Arvin Meritor axles for safer vehicle control during braking and reduced stopping distance in skid applications
Request for approved/ equal substitution: Meritor is a brand name. Is a brake system that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
103. Page 55, 225 The rear spring suspension shall have Bilstein monotube gas charged shock absorbers
Request for approved/equal substitution: Bilstein is a brand name. Is a brake system that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
104. Page 55, 226 Stainless Steel Trim Kit (226.2 The rear axles shall be covered with foam mounted stainless steel high hats: The lug nut covers, baby moons and high hats shall be American made Real Wheels brand mirror finish, 304L grade; non-corrosive stainless steel meeting D.O.T. certification standards.
Request for approved/ equal substitution: Rear Wheels is a brand name. Is a wheel trim kit that meets and/or exceeds the specification requirement acceptable?
City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
105. Page 56, 228 A WABCO 1200 System Saver spin-on desiccant air dryer with an automatic heated moisture ejector shall be installed in the air brake system

Request for approved/ equal substitution: Wabco is a brand name. Is an air dryer that meets and/or exceeds the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

106. Page 57, 234 A Cummins ISL-400, turbocharged, charge air cooled engine shall be provided.

Request for approved/ equal substitution: Cummins is a brand name. Is an engine that meets and/or exceeds the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

107. Page 57, 236 A Fleetguard fuel filter shall be installed on the Cummins engine

Request for approved/equal substitution: Fleetguard is a brand name. Is an fuel filter that meets and/or exceeds the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

108. Page 54, 238.6 The manufacturer shall provide (at no cost to the city) any tail pipe modification to allow usage of an exhaust removal system.

Request for clarification: This conflicts with 239.1 Is the chrome extension or the tail pipe modification required? Can not do both. If the tail pipe modification is required, provide the type of system. The cost is based on the specific system.

City's Response: **No Modification is required.**

109. Page 54, 239 A radiused chrome exhaust tail pipe extension, to direct exhaust gases downward, which terminates on the right hand side of the chassis, forward of the rear tires, shall be installed with a galvaneal band clamp.

Request for clarification: This conflicts with 238.6 Is the chrome extension or the tail pipe modification required? Can not do both.

City's Response: **No Modification is required.**

110. Page 60, 249 A multiplex electrical system shall be supplied.

Request for approved/ equal substitution: V-Mux is a brand name. Is an multiplex electrical system that meets and/or exceeds the specification requirement acceptable?

City's Response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

111. Page 60, 249.1.2 The system shall be a single starting type, installed per NFPA 1901.

Request for approved/ equal substitution: Douglas is a brand name. Are batteries that meet and/or exceed the specification acceptable?

City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of**

the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

112. Page 60, 249.4.1 One (1) Cole-Hersee #2484 master battery switch
Request for approved/equal substitution: Cole-Hersee is a brand name. Is a battery switch that meets and/or exceed the specification acceptable?
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
113. Page 60, 249.4.2 One (1) Cole-Hersee #EX26654A ignition switch
Request for approved/equal substitution: Cole-Hersee is a brand name. Is an ignition switch that meets and/or exceed the specification acceptable?
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
114. Page 62, 256 A 290 amp 12 volt NIEHOFF alternator with a minimum rating of 290 amps (220 amps at idle) integral regulator and #10 screw AC terminals shall be installed
Request for approved/equal substitution: Niehoff is a brand name. Is an alternator that meets and/or exceed the specification acceptable?
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
115. Page 62, 257 A Kussmaul Auto Charge 1200 battery conditioner with built-in isolator regulating equal voltage to all batteries shall be installed in the cab behind the driver's door.
Request for approved/equal substitution: Kussmaul is a brand name. Is a battery conditioner that meets and/or exceed the specification acceptable?
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
116. Page 63, 260 Two (2) approved Whelen 60R00FRR, red LED alternate flash warning lights shall be installed on the cab front above the headlamps.
Request for approved/equal substitution: Whelen is a brand name. Are lights that meet and/or exceed the specification acceptable?
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
117. Page 63, 265 The cab shall be equipped with Trucklite brand #40044 under cab lighting.
Request for approved/equal substitution: Trucklite is a brand name. Are lights that meets and/or exceed the specification acceptable?

City's response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

118. Page 63, 267.3 The front fascia shall allow access to check and fill the engine oil, power steering fluid and wiper washer fluid.

Request for clarification: NFPA recommends that all lubricant and fluid level checks be performed from ground level to reduce the risks of injury from falling from apparatus. Are systems that provide the necessary fluid lubricant and fluid level checks from ground level or from the cab acceptable?

City's response: Yes

119. Page 63, 270 The one piece inner door panel shall be texture painted with Zolotone in place of the standard vacuum formed upper and aluminum treadplate lower.

Request for approved/equal substitution: Zolotone is a brand name. Are products that meet and/or exceed the specification acceptable

City's response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

120. Page 66, 272.2.1 The exterior shall be painted with a Zolotone texture finish and the underside of the cover shall be heavily insulated with 1" multi-layer foam with a non-conductive Mylar backing and held in place with adhesive and aluminum pins and retention caps.

Request for approved/equal substitution: Zolotone is a brand name. Are products that meet and/or exceed the specification acceptable?

City's response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

121. Page 66, 278 A Sunnex goose neck style instrument panel map light shall be installed on the right hand side of the dash panel.

Request for approved/equal substitution: Sunnex is a brand name. Is a map light that meets and/or exceed the specification acceptable

City's response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

122. Page 68, 286 The interior metal surfaces of the cab shall be painted with a Zolotone gray texture finish.

Request for approved/equal substitution: Zolotone is a brand name. Is a material light that meets and/or exceed the specification acceptable

City's response: Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.

123. Page 68, 290 One (1) 50,000 btu heater shall be provided and installed in the rear section of the crew cab at the back wall or under forward facing seat riser.
Request for clarification/ approved equal Are dual 25,000 BTU heaters acceptable?
City's response: Yes
124. Page 68, 295 Two Ramco bus style heated mirrors with full electric adjustment from dash mounted controls
Request for approved/equal substitution: Ramco is a brand name. Are mirrors that meet and/or exceed the specification acceptable
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
125. Page 71, 307 14' fiberglass roof ladder Duo Safety 775A
Request for clarification/ approved/ equal substitution: 14' fiberglass roof ladder – Duo Safety 775A. The part number as provided is for an aluminum ladder. Clarify whether fiberglass or aluminum and provide the appropriate pat number.
City's response: **This was addressed in addendum #1.**
126. Page 71, 307 24' fiberglass 2 section extension ladder Duo Safety 900 A
Request for clarification/ approved/equal substitution: 14' fiberglass roof ladder – Duo Safety 900A. The part number as provided is for an aluminum ladder. Clarify whether fiberglass or aluminum and provide the appropriate pat number.
City's response: **This was addressed in addendum #1.**
127. Page 72, 307 Setcom intercom system.
Request for approved/ equal substitution: Setcom is a brand name. Are intercom systems that meet and/or exceed the specification acceptable?
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**
128. Page 72, 307 Safety Vision rear vision camera #SV-CLCD-65
Request for approved/equal substitution: Safety Vision is a brand name. Are rear vision systems that meet and/or exceed the specification acceptable?
City's response: **Whenever a brand name is used with no limiting language to that brand, then another brand of equal grade or quality may be acceptable as long as all requirements in section 10 of the Instruction to Bidders are met. Section 15.4 of the Instructions to Bidders also applies.**

All other terms conditions and specifications shall remain unchanged by this addendum. Vendor shall acknowledge receipt of this addendum on the first page of the proposal where indicated.

Dated this 20th day of December, 2004.

Mary L. (Matson)Long
Assistant Purchasing Agent